## **EAST Search History**

## EAST Search History (Prior Art)

| Ref# | Hits    | Search Query   | DBs                | Default<br>Operator | Plurals | Time Stamp          |
|------|---------|--|--------------------|---------------------|---------|---------------------|
| S1   | 4619258 | @ad<="20020927" or<br>@ptad<="20020927" or<br>@rlad<="20020927" or<br>@prad<="20020927"    | US-PGPUB;<br>USPAT | OR                  | ON      | 2010/04/13<br>16:06 |
| S2   | 12890   | 370/389,390,392.cdls.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2010/04/13<br>16:07 |
| S3   | 6592    | S1 and S2  | US-PGPUB;<br>USPAT | OR                  | ON      | 2010/04/13<br>16:07 |
| S4   | 2703    | multicast\$4 and (add\$4 or join)<br>with group same (condition or<br>time or criteria)    | US-PGPUB;<br>USPAT | OR                  | ON      | 2010/04/13<br>16:07 |
| S5   | 1287    | multicast\$4 and (add\$4 or join)<br>with group with (condition or<br>time or criteria)    | US-PGPUB;<br>USPAT | OR                  | ON      | 2010/04/13<br>16:08 |
| S6   | 131     | multicast\$4 and (add\$4 or join) with group with (condition)                              | US-PGPUB;<br>USPAT | OR                  | ON      | 2010/04/13<br>16:08 |
| S7   | 12      | S6 and S3  | US-PGPUB;<br>USPAT | OR                  | ON      | 2010/04/13<br>16:09 |
| S8   | 1171    | multicast\$4 and (add\$4 or join) with group with (time or timer or expir\$2)              | US-PGPUB;<br>USPAT | OR                  | ON      | 2010/04/13<br>16:20 |
| S9   | 105     | multicast\$4 and (add\$4 or join)<br>with group with (time or timer<br>or expir\$2) and S3 | US-PGPUB;<br>USPAT | OR                  | ON      | 2010/04/13<br>16:20 |
| S10  | 157     | multicast near2 router and join near2 request and cache                                    | US-PGPUB;<br>USPAT | OR                  | ON      | 2010/04/13<br>17:18 |
| S11  | 31      | multicast near2 router and join<br>near2 request and cache with<br>(time or timer)         | US-PGPUB;<br>USPAT | OR                  | ON      | 2010/04/13<br>17:22 |
| S12  | 1929    | multicast and base near2 station and cache   | US-PGPUB;<br>USPAT | OR                  | ON      | 2010/04/13<br>18:31 |
| S13  | 190     | multicast and base near2 station and cache with (time or timer)                            | US-PGPUB;<br>USPAT | OR                  | ON      | 2010/04/13<br>18:31 |
| S14  | 4619258 | @ad<="20020927" or<br>@ptad<="20020927" or<br>@rlad<="20020927" or<br>@prad<="20020927"    | US-PGPUB;<br>USPAT | OR                  | ON      | 2010/04/13<br>18:32 |
| S15  | 12890   | 370/389,390,392.cdls.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2010/04/13<br>18:32 |
| S16  | 6592    | S14 and S15  | US-PGPUB;<br>USPAT | OR                  | ON      | 2010/04/13<br>18:32 |
| S17  | 4       | S13 and S16  | US-PGPUB;<br>USPAT | OR                  | ON      | 2010/04/13<br>18:32 |

| S18 | 82     | S13 and S14  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>18:36 |
|-----|--------|--|--------------------|----|----|---------------------|
| S19 | 612362 | multicast near2 group and base station   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>18:50 |
| S20 | 1421   | multicast near2 group and base near2 station   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>18:50 |
| S21 | 44     | multicast near2 group and base<br>near2 station and distribution<br>near2 server             | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>18:50 |
| S22 | 42     | multicast near2 group and base<br>near2 station and cache with<br>(timer or time)            | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>19:00 |
| S23 | 28     | S22 and S14  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>19:01 |
| S24 | 498    | base near2 station and cach\$3<br>with data with (time or timer)                             | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>19:02 |
| S25 | 222    | base near2 station and cach\$3<br>with data with (time or timer)<br>and S14                  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>19:02 |
| S26 | 21     | base near2 station and cach\$3<br>with data with (time or timer)<br>and S14 and multicast    | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>19:03 |
| S27 | 377    | base near2 station with<br>(transmit or forwarding) with<br>timer                            | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>19:14 |
| S28 | 39     | base near2 station with<br>(transmit or forwarding) with<br>timer and multicast              | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>19:14 |
| S29 | 0      | base near2 station same cache<br>with (transmit or forwarding)<br>with timer and multicast   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>19:17 |
| S30 | 0      | base near2 station same cache<br>same (transmit or forwarding)<br>with timer and multicast   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>19:17 |
| S31 | 0      | base near2 station same storing<br>same (transmit or forwarding)<br>with timer and multicast | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>19:17 |
| S32 | 0      | base near2 station same storage<br>same (transmit or forwarding)<br>with timer and multicast | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>19:17 |
| 833 | 46     | base near2 station same<br>(transmit or forwarding) with<br>timer and multicast              | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>19:18 |
| S34 | 787    | base near2 station and content<br>near2 server and multicast                                 | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>19:21 |
| S35 | 23     | base near2 station with timer<br>and content near2 server and<br>multicast                   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>19:22 |
| S36 | 94     | base near2 station with timer<br>and server and multicast                                    | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>19:23 |

| S37 | 71      | S36 not S35   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>19:24 |
|-----|---------|---|--------------------|----|----|---------------------|
| S38 | 43      | S36 not S35 and S14   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/13<br>19:24 |
| S39 | 1449    | multicast\$4 near2 group and base near2 station   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>07:55 |
| S40 | 23      | multicast\$4 near2 group and<br>base near2 station same buffer<br>with (period or time or timer)                  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>07:55 |
| S41 | 4619258 | @ad<="20020927" or<br>@ptad<="20020927" or<br>@rlad<="20020927" or<br>@prad<="20020927"                           | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>07:55 |
| S42 | 8       | S41 and S40   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>07:55 |
| S43 | 153     | multicast\$4 near2 group and<br>base near2 station and buffer<br>with (period or time or timer)                   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:05 |
| S44 | 1       | S43 and S41 not "8"   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:06 |
| S45 | 70      | S43 and S41 not S42   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:06 |
| S46 | 1406    | multicast\$4 and base near2<br>station and accumulat\$3   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:16 |
| S47 | 33      | multicast\$4 and base near2<br>station and accumulat\$3 same<br>(buffer or cache) and S41                         | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:16 |
| S48 | 687     | multicast\$4 and base near2<br>station and accumulat\$3 with<br>data and S41                                      | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:19 |
| S49 | 6       | multicast\$4 and base near2<br>station same accumulat\$3 with<br>data and S41                                     | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:19 |
| S50 | 673     | multicast\$4 and base near2<br>station and accumulat\$3 with<br>(period or time or timer) and<br>\$41             | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:20 |
| S51 | 4       | multicast\$4 and base near2<br>station same accumulat\$3 with<br>(period or time or timer) and<br>\$41            | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:21 |
| S52 | 10234   | multicast\$4 near2 group base<br>near2 station and accumulat\$3<br>with (period or time or timer)<br>and \$41     | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:21 |
| S53 | 17      | multicast\$4 near2 group and<br>base near2 station and<br>accumulat\$3 with (period or<br>time or timer) and \$41 | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:21 |

| S54         | 6      | multicast\$4 near2 group and<br>base near2 station and<br>accumulat\$3 with (buffer) and<br>S41   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:27 |
|-------------|--------|---|--------------------|----|----|---------------------|
| S55         | 35     | multicast\$4 near2 group and<br>base near2 station and storage<br>with (time) and S41   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:27 |
| S56         | 189    | multicast\$4 near2 group same<br>base near2 station and S41   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:35 |
| S57         | 37     | multicast\$4 near2 group same<br>base near2 station and (buffer<br>or cache or storage) with<br>( period or time or interval or<br>timer) and S41                           | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:36 |
| S58         | 113    | multicast\$4 same base near2<br>station and (buffer or cache or<br>storage) with ( period or time or<br>interval or timer) and \$41   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:39 |
| S59         | 76     | S58 not S57   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:39 |
| S60         | 873    | (distibution or content) near2<br>server and multicast near2<br>group   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:47 |
| S61         | 69     | (distibution or content) near2<br>server and multicast near2<br>group and (accumulat\$4 or<br>cache or stor\$4 or buffer) with<br>(timer or interval or period) and<br>\$41 | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:48 |
| S62         | 532    | multicast\$4 with timer   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:56 |
| S63         | 610542 | multicast\$4 with timer and base station  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:56 |
| S64         | 87     | multicast\$4 with timer and base near2 station  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:56 |
| <b>S</b> 65 | 31     | multicast\$4 with timer and base near2 station and S41  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>08:56 |
| S66         | 504    | (base near2 station or bs) with timer and multicast\$4  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>09:01 |
| S67         | 241    | (base near2 station or bs) with timer and multicast\$4 and S41  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>09:01 |
| 568         | 58     | (base near2 station or bs) with<br>timer and multicast\$4 near2<br>group and S41  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>09:01 |
| S69         | 0      | (base near2 station or bs) and mulitcast\$4 with timer and S41  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>09:09 |
| S70         | 9      | (base near2 station or bs) and mulitcast\$4 and timer and S41   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>09:09 |
| S71         | 3218   | (base near2 station or bs) and multicast\$4 and timer and \$41  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>09:10 |

| S72 | 869  | (base near2 station or bs) and<br>multicast\$4 and (forward\$4 or<br>transmit\$4) with timer and S41                                    | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>09:10 |
|-----|------|---|--------------------|----|----|---------------------|
| S73 | 123  | (base near2 station or bs) and<br>multicast\$4 and (forward\$4 or<br>transmit\$4) with timer same<br>buffer and S41                     | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>09:10 |
| S74 | 2886 | (base near2 station or bs) and<br>multicast\$4 and accumulat\$4<br>and S41  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>09:18 |
| S75 | 178  | (base near2 station or bs) and<br>multicast\$4 and accumulat\$4<br>with period and \$41   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>09:18 |
| S76 | 183  | (base near2 station or bs) and<br>multicast\$4 and (timer or expir<br>\$6) with (transmi\$7 or forward<br>\$4) with group               | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>09:22 |
| S77 | 90   | (base near2 station or bs) and<br>multicast\$4 and (timer or expir<br>\$6) with (transmi\$7 or forward<br>\$4) with group and \$41      | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>09:22 |
| S78 | 153  | (base near2 station or bs) and<br>broadcast\$4 and (timer or expir<br>\$6) with (transmi\$7 or forward<br>\$4) with group and S41       | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>09:46 |
| S79 | 48   | (base near2 station or bs) and<br>Multicast\$4 with group same<br>(timer or expir\$6) with (transmi<br>\$7 or forward\$4) and S41       | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>09:48 |
| S80 | 50   | (base near2 station or bs) and<br>Multicast\$4 with group same<br>(threshold or count\$4) with<br>(transmi\$7 or forward\$4) and<br>S41 | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>09:51 |
| S81 | 61   | (base near2 station) and<br>Multicast\$4 same (threshold or<br>count\$4) with (transmi\$7 or<br>forward\$4) and S41                     | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>09:58 |
| S82 | 62   | S81 not42   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>09:58 |
| S83 | 46   | S81 not S80   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>09:58 |
| S84 | 44   | base near2 station and prox\$4<br>with cache and multicast  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>10:02 |
| S85 | 244  | base near2 station with<br>multicast near2 group  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>10:22 |
| S86 | 33   | base near2 station with<br>multicast near2 group same<br>(interval or period)   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>10:23 |
| S87 | 22   | base near2 station with<br>multicast near2 group same<br>(interval or period) and S41   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>10:23 |

| S88  | 134        | base near2 station with multicast near2 group and S41                                     | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>10:26 |
|------|------------|---|--------------------|----|----|---------------------|
| S89  | 0          | 2004/0012389  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>10:32 |
| S90  | 7          | multicast\$4 and accumulation with timer  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>10:44 |
| S91  | 95         | multicast\$4 and accumulation with buffer   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>10:46 |
| S92  | <b>7</b> 3 | multicast\$4 and accumulation with buffer and S41   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>10:46 |
| S93  | 0          | multicast\$4 and base near2<br>station with transmission near2<br>timer and S41           | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>10:49 |
| S94  | 53         | multicast\$4 and base near2<br>station and transmission near2<br>timer and S41            | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>10:49 |
| S95  | 10         | multicast\$4 and base near2<br>station and transmission near2<br>time\$1out and S41       | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>10:57 |
| S96  | 0          | multicast\$4 and base near2<br>station and forwarding near2<br>time\$1out and S41         | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>10:59 |
| S97  | 1          | multicast\$4 and base near2<br>station and forwarding near2<br>timer and S41              | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>10:59 |
| S98  | 4619258    | @ad<="20020927" or<br>@ptad<="20020927" or<br>@rlad<="20020927" or<br>@rad<="20020927" or | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>14:22 |
| S99  | 4619258    | @ad<="20020927" or<br>@ptad<="20020927" or<br>@rlad<="20020927" or<br>@prad<="20020927"   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>14:23 |
| S100 | 0          | (node near2 b) and mulitcast\$4 with timer and S99  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>14:24 |
| S101 | 1          | (node near2 b) and mulitcast\$4<br>and timer and S99                                      | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>14:24 |
| S102 | 163331     | (node near2 b or base near2<br>station) (buffer or cache) with<br>timer and S99           | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>14:26 |
| S103 | 77         | (node near2 b or base near2<br>station) same (buffer or cache)<br>with timer and S99      | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>14:26 |
| S104 | 281        | (node near2 b or base near2<br>station) same (transmit) with<br>timer and \$99            | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>14:54 |
| S105 | 622609     | (time with expire) and base station   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>16:10 |
| S106 | 4179       | (time with expire) and base near2 station   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>16:10 |

| S107 | 1150    | (time with expire) and base<br>near2 station and multicast                              | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>16:10 |
|------|---------|---|--------------------|----|----|---------------------|
| S108 | 89      | (time with expire) and base<br>near2 station and multicast\$4<br>near2 group            | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>16:10 |
| S109 | 50      | (time with expire) and base<br>near2 station and multicast\$4<br>near2 group and \$99   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>16:11 |
| S110 | 1872    | (time with expire) and content<br>near2 server  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>16:15 |
| S111 | 410     | (time with expire) and content<br>near2 server and multicast\$4                         | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>16:16 |
| S112 | 176     | (time with expire) and content<br>near2 server and multicast\$4<br>and \$99             | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>16:16 |
| S113 | 231     | multicast near2 (timer or interval)   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>16:26 |
| S114 | 243     | multicast\$4 near2 (timer or interval)  | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>16:26 |
| S115 | 90      | multicast\$4 near2 (timer or interval) and \$99   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/14<br>16:26 |
| S116 | 12      | (base near2 station or bs) and<br>mulitcast\$4 and content near2<br>server              | US-PGPUB;<br>USPAT | OR | ON | 2010/04/16<br>11:46 |
| S117 | 3       | (base near2 station or node adj<br>b) and mulitcast\$4 and content<br>near2 server      | US-PGPUB;<br>USPAT | OR | ON | 2010/04/16<br>11:49 |
| S118 | 1283    | (base near2 station or node adj<br>b) with accumulat\$4                                 | US-PGPUB;<br>USPAT | OR | ON | 2010/04/16<br>11:49 |
| S119 | 373     | (base near2 station or node adj<br>b) with accumulat\$4 near5 data                      | US-PGPUB;<br>USPAT | OR | ON | 2010/04/16<br>11:50 |
| S120 | 4619548 | @ad<="20020927" or<br>@ptad<="20020927" or<br>@rlad<="20020927" or<br>@prad<="20020927" | US-PGPUB;<br>USPAT | OR | ON | 2010/04/16<br>11:50 |
| S121 | 227     | S120 and S119   | US-PGPUB;<br>USPAT | OR | ON | 2010/04/16<br>11:50 |

## EAST Search History (Interference)

< This search history is empty>

## 4/22/2010 5:44:41 PM

C:\ Documents and Settings\ dmitchell\ My Documents\ EAST\ Workspaces\ 10\_529257 pt4.wsp